

38. (Amended) The use of a sensor in accordance with claim 18 in biological, biochemical, or chemical testing..

*Al*

39. (Amended) A method of determining the surface plasmon resonance angle using a sensor in accordance with claim 18 comprising the steps of:

- determining the differential signal;
- determining the sum signal;
- determining the calibration curve;
- determining the ratio of the differential signal to the sum signal based on the calibration curve.

#### Remarks

The Applicants request entry of the foregoing amendments.

The amendments to the claims are merely intended to minimize the filing fee by eliminating dependancies and are not intended to change the scope of the claims. The Applicant does not intend by these or any other amendments to abandon the subject matter of any claim as originally filed, and reserves the right to pursue such subject matter in this application or related applications, such as continuing applications.

Also attached hereto is a marked-up version of the changes made to the specification by the current amendment. The attached page is captioned "Version with markings to show changes made."

Respectfully submitted,

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